

# STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

ROY COOPER GOVERNOR JAMES H. TROGDON, III
SECRETARY

December 5, 2018

Addendum No. 1

RE: Contract # C204214
WBS # 50231.3.1
STATE FUNDED
Henderson County (U-5840)
SR-1547 (Old Airport Road) From US-25 To Mill Gap Road

### December 18, 2018 Letting

To Whom It May Concern:

The following revisions have been made to the plans:

Sheet No.	Revisions
TMP-3	Removed the ICT designation from Phase V and removed the
	language requiring continuous 24 hours/day flagging at the railroad
	crossing during Phase V
TMP-14	Removed the call out for flagger at the railroad crossing

Please void the above listed sheets in your plans and staple the revised sheets thereto.

Reference is made to the proposal form furnished to you on this project.

The following revisions have been made to the proposal:

Page No.	Revisions
Proposal Cover	Note added that reads "Includes Addendum No. 1 Dated December 5, 2018".
Table of Contents (first page)	Revised to add Intermediate Contract Time Number 5 and Liquidated Damages to the table and to make corresponding changes due to adding the ICT
G-3 and G-4	Revised to add the project special provision entitled "Intermediate Contract Time Number 5 and Liquidated Damages". All subsequent provisions in the General "G" section were shifted. The Table of Contents was revised to reflect this.

The revised pages mentioned above are attached.

The contract will be prepared accordingly.

Sincerely,

-DocuSigned by:

Ronald E. Davenport, Jr.

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Ronald. E. Davenport, Jr., PE

State Contract Officer

RED/jag

Attachments

cc: Mr. Lamar Sylvester, PE

Mr. Brian Burch, PE

Mr. Ron Hancock, PE

Mr. Jon Weathersbee, PE

Mr. Ken Kennedy, PE

Mr. Mitchell Dixon

Project File (2)

Mr. Ray Arnold, PE

Ms. Jaci Kincaid

Mr. Mike Gwyn

Ms. Lori Strickland

Mr. Alex Foster

Ms. Penny Higgins

Mr. Jamie Lancaster, PE

### STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH, N.C.

## **PROPOSAL**

# **INCLUDES ADDENDUM No. 1 DATED 12-05-2018**

DATE AND TIME OF BID OPENING: DECEMBER 18, 2018 AT 2:00 PM

CONTRACT ID

C204214

WBS

50231.3.1

FEDERAL-AID NO. STATE FUNDED

COUNTY

HENDERSON

T.I.P. NO.

U-5840

MILES

1.028

ROUTE NO.

SR 1547

LOCATION

SR-1547 (OLD AIRPORT RD) FROM US-25 TO MILL GAP RD.

TYPE OF WORK

GRADING, DRAINAGE, PAVING, SIGNALS, WALLS, AND CULVERT

#### NOTICE:

ALL BIDDERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA, NOTWITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY FEDERAL - AID FUNDED PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING.

BIDS WILL BE RECEIVED AS SHOWN BELOW:

THIS IS A ROADWAY & CULVERT PROPOSAL

5% BID BOND OR BID DEPOSIT REQUIRED

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# COVER SHEET PROPOSAL SHEET

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Holidays and holiday weekends shall include New Year's, Easter, Memorial Day, Independence Day, Labor Day, Thanksgiving, and Christmas. The Contractor shall schedule his work so that lane closures will not be required during these periods, unless otherwise directed by the Engineer.

The time of availability for this intermediate contract work shall be the time the Contractor begins to install all traffic control devices for lane closures according to the time restrictions listed herein.

The completion time for this intermediate contract work shall be the time the Contractor is required to complete the removal of all traffic control devices for lane closures according to the time restrictions stated above and place traffic in the existing traffic pattern.

The liquidated damages are Five Hundred Dollars (\$ 500.00) per hour.

### INTERMEDIATE CONTRACT TIME NUMBER 3 AND LIQUIDATED DAMAGES:

(2-20-07) (Rev. 6-18-13)

108

SPI GI4 H

The Contractor shall complete the work required of **Phase II**, **Step #2** as shown on Sheet TMP-3 and shall place and maintain traffic on same.

The date of availability for this intermediate contract time is the date the Contractor elects to begin the work.

The completion date for this intermediate contract time is the date which is ten (10) consecutive calendar days after and including the date the Contractor begins this work.

The liquidated damages are Five Hundred Dollars (\$ 500.00) per calendar day.

### INTERMEDIATE CONTRACT TIME NUMBER 4 AND LIQUIDATED DAMAGES:

(2-20-07) (Rev. 6-18-13)

108

SP1 G14 F

The Contractor shall complete the work required of **Phase VIII**, Steps #1 thru #4, as shown on Sheet TMP-3 and shall place and maintain traffic on same.

The date of availability for this intermediate contract time is the date the Contractor elects to begin the work.

The completion date for this intermediate contract time is the date which is sixty (60) consecutive calendar days after and including the date the Contractor begins this work.

The liquidated damages are Five Hundred Dollars (\$ 500.00) per calendar day.

### INTERMEDIATE CONTRACT TIME NUMBER 5 AND LIQUIDATED DAMAGES:

(2-20-07) (Rev. 8-30-18)

108

SP1 G14 H

The Contractor shall complete the work required of Phase II, Step #4C, as shown on Sheet TMP-3 for each driveway and shall place and maintain traffic on same. Two driveways provide access to Parcel 3. Construction is permitted on only one driveway at a time. The other driveway shall be fully open in order to provide vehicle access to the property.

The Contractor shall meet with the bank manager to determine the work schedule. The date of availability for each intermediate contract time is the date that the Contractor elects to begin the work, and obtains approval from the Engineer to begin the work.

The completion date for each intermediate contract time is the date which is Four (4) consecutive calendar days after and including the date of availability. For each driveway, the Contractor shall schedule and perform the work to include two weekdays (Thursday/Friday or Monday/Tuesday or Friday/Monday) in addition to a weekend (Saturday/Sunday).

The liquidated damages for each intermediate contract time are **Five Hundred Dollars** (\$ 500.00) per calendar day.

# PERMANENT VEGETATION ESTABLISHMENT:

(2-16-12) (Rev. 10-15-13)

104

SPI G16

Establish a permanent stand of the vegetation mixture shown in the contract. During the period between initial vegetation planting and final project acceptance, perform all work necessary to establish permanent vegetation on all erodible areas within the project limits, as well as, in borrow and waste pits. This work shall include erosion control device maintenance and installation, repair seeding and mulching, supplemental seeding and mulching, mowing, and fertilizer topdressing, as directed. All work shall be performed in accordance with the applicable section of the 2018 Standard Specifications. All work required for initial vegetation planting shall be performed as a part of the work necessary for the completion and acceptance of the Intermediate Contract Time (ICT). Between the time of ICT and Final Project acceptance, or otherwise referred to as the vegetation establishment period, the Department will be responsible for preparing the required National Pollutant Discharge Elimination System (NPDES) inspection records.

Once the Engineer has determined that the permanent vegetation establishment requirement has been achieved at an 80% vegetation density (the amount of established vegetation per given area to stabilize the soil) and no erodible areas exist within the project limits, the Contractor will be notified to remove the remaining erosion control devices that are no longer needed. The Contractor will be responsible for, and shall correct any areas disturbed by operations performed in permanent vegetation establishment and the removal of temporary erosion control measures, whether occurring prior to or after placing traffic on the project.

Payment for Response for Erosion Control, Seeding and Mulching, Repair Seeding, Supplemental Seeding, Mowing, Fertilizer Topdressing, Silt Excavation, and Stone for Erosion Control will be made at contract unit prices for the affected items. Work required that is not represented by contract line items will be paid in accordance with Articles 104-7 or 104-3 of the 2018 Standard Specifications. No additional compensation will be made for maintenance and removal of temporary erosion control items.

CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS FOR ALL PHASES WITHIN THE PROJECT LIMITS AND COORDINATE AS NECESSARY WITH PROPERTY OWNERS.

CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY

COORDINATE WITH BRS RAILROAD FOR THE INSTALLATION OF THE CROSSING SURFACE, SIGNALS, AND GATES. THE RAILROAD EQUIPMENT MUST BE IN PLACE AND ACTIVATED PRIOR TO BEGINNING PHASE IV CONSTRUCTION.

### PHASE I

INSTALL WORK ZONE ADVANCE WARNING SIGNS ON ALL ROADWAYS WITHIN THE PROJECT LIMITS IN ACCORDANCE WITH ROADWAY STANDARD DRAWING 1101.01, SHEET 1 THRU 3.

#### STEP 2

- A) USING RSD NO. 1101.02, SHEETS 2 AND 7 OF 14 AS NEEDED TO MAINTAIN TWO WAY TRAFFIC AT ALL TIME DURING CONSTRUCTION, OPEN CUT TO INSTALL PROPOSED 8" WATER LINE ACROSS HENDERSONVILLE RD. BACKFILL TRENCH OR PLACE STEEL PLATE ON EACH OPEN CUT TRENCH SEGMENT DURING CONSTRUCTION INACTIVITY.
- B) AWAY FORM TRAFFIC OR USING RSD NO. 1101.02, SHEETS 1 AND 2 OF 14 AS NEEDED, CONTINUE OPEN CUT TRENCH TO INSTALL 8" WATER LINE FROM -L- STA. 13+00 (RT) TO -L- STA. 32+50 (RT), 10" WATER LINE FROM -L-STA. 39+60 TO -L- STA. 51+00 (RT), AND 16" WATER LINE FROM -Y7- STA. 15+40 TO -Y7- STA. 21+00 (LT). BACKFILL TRENCH OR PLACE STEEL PLATE ON EACH OPEN CUT TRENCH DURING CONSTRUCTION INACTIVITY. SEE UTILITY PLAN FOR DETAILS.

#### STEP 3

AWAY FROM TRAFFIC OR USING RSD NO. 1101.02, SHEETS 1 AND 2 OF 14 AS NEEDED, PERFORM THE FOLLOWING:

- A) CONSTRUCT TEMPORARY CROSSWALKS AND SIDEWALKS. THEN CONSTRUCT PROPOSED SIDEWALK, CURB RAMP, AND CURB & GUTTER AS SHOWN ON TMP-5 STEP-3A.
- B) CONSTRUCT PROPOSED SIDEWALK, CURB RAMP, AND CURB & GUTTER AS SHOWN ON TMP-5 STEP-3B.

## PHASE II

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED IN PHASE II STEP 2 WITHIN TEN (10) CONSECUTIVE DAYS. SEE SPECIAL PROVISIONS FOR LIQUIDATED DAMAGES.

THE CONTRACTOR SHALL COMPLETE THE REQUIRED DRIVEWAY CONSTRUCTION IN PHASE II STEP 4 WITHIN (4) CONSECUTIVE DAYS FOR EACH DRIVEWAY. SEE SPECIAL PROVISIONS FOR LIQUIDATED DAMAGES.

USING RSD NO. 1101.02, SHEETS 1 AND 2 OF 14 AS NEEDED, CLOSE TORRINGTON AVENUE AND THEN OPEN CUT TO INSTALL PROPOSED 8" SANITARY SEWER LINE AS SHOWN ON TMP-2A AND TMP-6. BACKFILL TRENCH OR PLACE STEEL PLATE ON EACH OPEN CUT TRENCH DURING CONSTRUCTION INACTIVITY.

### STEP 2

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- A) INSTALL OFFSITE DETOUR SIGNAGE AND BARRICADES AS SHOWN ON TMP-2B AND TMP-7, AND IN ACCORDANCE WITH ROADWAY STANDARD DRAWINGS 1101.03, SHEET 1 OF 9, CLOSING -Y2- (JONES CIRCLE) TO THRU TRAFFIC. (SEE LOCAL NOTE V)
- B) PLACE WATER FILLED BARRIER AND SHIFT TRAFFIC AS SHOWN ON TMP-2B AND TMP-7. OPEN CUT TO INSTALL 8" SANITARY SEWER LINE AND 8" WATER LINE.
- C) REMOVE ALL DETOUR SIGNS & DEVICES, AND OPEN -Y2- (JONES CIRCLE) TO TRAFFIC.

### STEP 3

- A) CONSTRUCT TEMPORARY CROSSWALK. THEN INSTALL PROPOSED TRAFFIC SIGNAL POLE AND PEDESTRIAN CROSSING SIGNAL.
- B) CONSTRUCT PROPOSED ROADWAY IMPROVEMENTS AND DRAINAGE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS SHOWN ON TMP-8

AWAY FROM TRAFFIC OR USING RSD NO. 1101.02, SHEETS 1 AND 2 OF 14 AS NEEDED, PERFORM THE FOLLOWING:

- A) INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN ON TMP-9, AND SHIFT TRAFFIC TO THE TEMPORARY PATTERN.
- B) CONSTRUCT PROPOSED ROADWAY IMPROVEMENTS AND DRAINAGE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -L- STA. 10+70 TO STA. 23+00 (RT), -Y- STA. 15+35 TOSTA. 19+55 (LT) AND -Y7- STA. 15+40 TO STA. 20+00 (LT).UTILIZE PAVEMENT WEDGING IN ORDER TO MAINTAIN POSITIVE DRAINAGE.
- C) CONSTRUCT THE TWO DRIVEWAYS ACCESSING PARCEL 3 ONE AT A TIME USING TWO WEEKDAY + WEEKEND CLOSURE FOR EACH DRIVEWAY.

### PHASE III

### (RAILBOAD CROSSING SURFACE AND SIGNAL INSTALLATION)

CONTRACTOR IS TO COORDINATE WITH BLUE RIDGE SOUTHERN RAILROAD TO ESTABLISH THE DATE (WHICH IS TO BEGIN ON A THURSDAY AT 9:00PM) BRS RAILROAD ELECTS TO BEGIN CONSTRUCTION OF THE PROPOSED TRACK CROSSING SURFACE AND SIGNALS. ONCE BEGUN, SAID WORK SHALL BE PURSUED IN A CONTINUOUS MANNER AND END NO LATER THAN 6:00 AM THE FOLLOWING MONDAY.

UPON APPROVAL FROM THE ENGINEER, THE CONTRACTOR SHALL INSTALL OFFSITE DETOUR SIGNAGE AND BARRICADES AS SHOWN ON TMP-2C AND TMP-10; AND IN ACCORDANCE WITH ROADWAY STANDARD DRAWING 1101.03, SHEET 1 OF 9, CLOSE -L-(OLD AIRPORT ROAD) TO THRU TRAFFIC. (SEE LOCAL NOTE V)

CONTRACTOR SHALL CONSTRUCT PAVEMENT TIE-IN AND RESTORE ANY DAMAGED PAVEMENT AND PAVEMENT MARKINGS DURING THE RAILROAD CROSSING SURFACE INSTALLATION. THEN REMOVE ALL DETOUR SIGNS & DEVICES, AND OPEN -L-(OLD AIRPORT ROAD) TO TRAFFIC.

### PHASE IV

INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN ON TMP-11 THRU TMP-13, AND SHIFT TRAFFIC TO THE TEMPORARY PATTERN.

#### STEP 2

USING RSD NO. 1101.02, SHEETS 1 AND 2 OF 14 AS NEEDED, CONSTRUCT PROPOSED ROADWAY IMPROVEMENTS, DRAINAGE, AND RETAINING WALLS 1 AND 2 UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -L- STA. 12+00 TO STA. 65+00 (LT) AND -Y7- STA. 15+40 TO STA. 20+00 (RT). UTILIZE PAVEMENT WEDGING IN ORDER TO MAINTAIN POSITIVE DRAINAGE.

# PHASE V

USING RSD NO. 1101.02, SHEETS 1 AND 2 OF 14, INSTALL TEMPORARY CONCRETE BARRIER AND WATER FILLED BARRIER.

INSTALL PROPOSED WATER LINE ON OLD AIRPORT RD. FROM -L- STA. 51+00 TO STA. 58+20 (RT) AS SHOWN ON TMP-14. SEE UTILITY PLAN FOR DETAILS. STEP 2

CONSTRUCT PROPOSED RETAINING WALL 4.

1) PHASE IV MUST BE COMPLETED BEFORE STARTING PHASE V CONSTRUCTION.

### PHASE VI

#### STEP 1

INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN ON TMP-15 THRU MP-17, AND SHIFT TRAFFIC TO THE TEMPORARY PATTERN.

#### STEP 2

AWAY FROM TRAFFIC OR USING RSD NO. 1101.02, SHEETS 1 AND 2 OF 14 AS NEEDED, CONSTRUCT PROPOSED ROADWAY IMPROVEMENTS, DRAINAGE, AND RETAINING WALL 3 UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -L- STA, 23+00 TO STA, 65+00 (RT) AND -Y7- STA, 20+00 TO STA, 20+50 (LT & RT).

### PHASE VII

USING RSD 1101.02 SHEETS 1 AND 2 OF 14 AS NEEDED IN ORDER TO COMPLETE THE FOLLOWING:

- A) WEDGE AND PLACE FINAL LAYER OF SURFACE COURSE ALONG L, Y, AND Y7 FROM STA. 15+40 TO 21+75.
- B) CONSTRUCT MONOLITHIC CONCRETE ISLANDS. (-L- STA. 12+15± TO STA. 12+60± AND -L- STA. 25+45± TO STA. 25+75±) C) INSTALL FINAL PAVEMENT MARKINGS ON L, Y, AND Y7 FROM STA. 15+40 TO 20+50. (SEE PAVEMENT MARKING PLANS.)
- D) ADJUST TRAFFIC SIGNALS TO FINAL CONFIGURATION AT INTERSECTIONS.
- E) OPEN -L- TO TRAFFIC IN ITS FINAL PATTERN.

# PHASE VIII

(CANE CREEK ROAD CULVERT INSTALLATION)

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED IN PHASE VIII, STEPS 1 THRU 4 IN SIXTY (60) CONSECUTIVE DAYS. SEE SPECIAL PROVISIONS FOR LIQUIDATED DAMAGES.

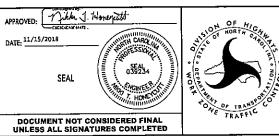
INSTALL OFFSITE DETOUR SIGNAGE AND BARRICADES AS SHOWN ON TMP-2D, TMP-18 AND TMP-19. AND IN ACCORDANCE WITH ROADWAY STANDARD DRAWINGS 1101.03, SHEET 1 OF 9, CLOSING -Y7- (CANE CREEK ROAD) TO THRU TRAFFIC. (SEE LOCAL NOTE V)

#### STEP 2

CONSTRUCT CULVERT, WATER LINE, AND PROPOSED ROADWAY IMPROVEMENTS UP THROUGH THE FINAL LAYER OF SURFACE. AS SHOWN ON TMP-18; AND INSTALL FINAL PAVEMENT MARKINGS. (SEE PAVEMENT MARKING PLANS.)

REMOVE ALL DETOUR SIGNS & DEVICES, AND OPEN -Y7- (CANE CREEK ROAD) TO TRAFFIC.

REMOVE ALL REMAINING SIGNS & DEVICES, AND OPEN ALL ROADS TO TRAFFIC.



TEMPORARY TRAFFIC CONTROL PHASING NOTES

PROJ. REFERENCE NO. SHEET NO.

STV Engineers, Inc. 900 mest finder St. Suite 7 Chartotte, IIC 28202 IIC Lecture Humber 7-0991

TMP-3

U-5840

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